AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

Claims 1-3 (Cancelled).

4. (Currently Amended) The authentication-~~selection~~ system according to Claim ~~3~~ 16, wherein the limiting-~~condition includes~~ conditions include at least one of:

a plurality of kinds of-~~said~~ the plurality of authentication-~~means~~ devices;

~~a~~ priority in-~~said~~ the plurality of kinds of-~~said~~ the plurality of authentication-~~means~~ devices;

~~a combination~~combinations of the plurality of-~~authentications~~ authentication devices;

priority in the combinations of-~~authentications~~ authentication devices;

number of the plurality of-~~authentications~~ the authentication devices for combination;

priority in the number of ~~authentications~~ authentication devices for combination; and

number of-~~candidate~~ combinations.

5. (Currently Amended) The authentication-~~selection~~ system according to Claim ~~4~~ 15, further comprising:

a performance-~~storage device for~~ memory storing-~~authentication~~ identification accuracy performance of-~~said~~ the authentication-~~means~~ devices; and

a log[[-]] analyzer for analyzing-~~log data which are authentication results~~ the identification accuracy performance of-~~said~~ the authentication-~~means~~ devices, and for ~~reflecting analysis results on~~ updating the accuracy thresholds of the authentication ~~performance of said authentication means~~ devices based on analysis results of the log analyzer.

6. (Currently Amended) The authentication-~~selection~~ system according to Claim 5, wherein-~~said~~ the performance-~~storage device~~ memory stores-~~authentication~~the

identification accuracy performance for each registrant person registered in the system for authenticating identities persons.

7. (Currently Amended) The authentication-selection system according to Claim ~~1~~ 15, wherein the ~~authentication performance~~ identification accuracy of ~~said~~ the authentication ~~means~~ devices includes at least one of:

a probability density function of a matching score indicating degrees of coincidence between input ~~data~~ biometric indicia and registration data ~~in a case where~~ for a person ~~is a registrant~~ registered in the system for authenticating identities of persons;

a numerical table;

a probability distribution; and

a parameter for approximation by a normal distribution.

Claims 8-10 (Cancelled).

11. (Currently Amended) An authentication-selection program executed on a computer, the program comprising the ~~selecting~~ method ~~for~~ of selecting ~~one among a plurality of authentications and at least one combination of the authentications~~ according to Claim ~~9~~ 18.

12. (Original) A computer-readable recording medium including the authentication-selection program according to Claim 11.

13. (Currently Amended) An authentication program executed on a computer, the program comprising the ~~authentication~~ method of authenticating according to Claim ~~10~~ 20.

14. (Original) A computer-readable recording medium including the authentication program according to Claim 13.

15. (New) An authentication system for authenticating identities of persons, the system comprising:

a plurality of authentication devices for collecting respective biometric indicia from a person;

input means for inputting respective accuracy thresholds for each of the authentication devices and target identification accuracy for the system in identifying a person supplying biometric indicia through the authentication devices;

a memory storing the accuracy thresholds input for each of the authentication devices and the target identification accuracy input for the authentication system;

calculating means for calculating identification accuracy in identifying a person using biometric indicia input through the respective authentication devices based on the accuracy thresholds input, for each of the authentication devices, considered individually and for at least one combination of at least two of the authentication devices; and

authentication device selection means for selecting for use in the authentication system only the authentication devices and combinations of the authentication devices having calculated identification accuracies meeting the target identification accuracy of the system that has been input.

16. (New) The authentication system according to Claim 15 wherein the input means receives and the memory stores limiting conditions limiting the authentication devices and combinations of the authentication devices available for use in the authentication system for identifying a person supplying biometric indicia to the authentication system and the authentication device selection means selects for use in the authentication system only authentication devices and combinations of authentication devices meeting the target identification accuracy of the system that has been input and the limiting conditions.

17. (New) The authentication system according to Claim 15 wherein the target identification accuracy is defined as a ratio of false accepted identifications incorrectly identifying a person as recognized to total accepted identifications identifying a person as recognized and a ratio of false rejected identifications incorrectly identifying a person as not recognized to total rejected identifications identifying persons as not recognized.

18. (New) In an authentication system for authenticating identities of persons based on respective biometric indicia collected by a plurality of authentication devices, a method of

selecting one of the authentication devices or a combination of at least two of the authentication devices for use in the authentication system, the method comprising:

inputting respective accuracy thresholds for each of the authentication devices;

inputting target identification accuracy for the authentication system in identifying a person supplying biometric indicia through the authentication devices;

calculating identification accuracy in identifying a person using biometric indicia input through the respective authentication devices, based on the accuracy thresholds input, for each of the authentication devices, considered individually and for at least one combination of at least two of the authentication devices; and

selecting for use in the authentication system only the authentication devices and combinations of authentication devices having calculated identification accuracies meeting the target identification accuracy of the authentication system that has been input.

19. (New) The method according to Claim 18 including:

inputting limiting conditions limiting the authentication devices and combinations of authentication devices available for identifying a person supplying biometric indicia to the authentication system; and

selecting for use in the authentication system only authentication devices and combinations of authentication devices meeting the target identification accuracy of the system that has been input and to the limiting conditions.

20. (New) In an authentication system for authenticating identities of persons based on respective biometric indicia collected by a plurality of authentication devices, a method of authenticating whether a person supplying biometric indicia is a person registered in the authentication system, the method comprising:

inputting respective accuracy thresholds for each of the authentication devices;

inputting target identification accuracy for the authentication system in identifying a person supplying biometric indicia through the authentication devices;

calculating identification accuracy in identifying a person using biometric indicia input through the respective authentication devices, based on the accuracy thresholds input, for each of the authentication devices, considered individually and for at least one combination of at least two of the authentication devices;

selecting for use in the authentication system only the authentication devices and combinations of authentication devices having calculated identification accuracies meeting the target identification accuracy of the authentication system that has been input; and

verifying whether the person supplying the biometric indicia through the authentication devices is a person registered in the system by comparing the biometric indicia supplied with corresponding biometric data registered in the system using only the biometric indicia collected by the authentication devices or combination of authentication devices selected as meeting the target identification accuracy of the system that has been input.

21. (New) The method according to Claim 20 including:

inputting limiting conditions limiting the authentication devices and combinations of authentication devices available for identifying a person supplying biometric indicia to the authentication system; and

selecting for use in the authentication system only authentication devices and combinations of authentication devices meeting the target identification accuracy of the system that has been input and to the limiting conditions.